Forest growing model (SiWaWa 2.0)

SiWaWa 2.0

A simple forest growth simulation model for practitioner (Android-App). SiWaWa needs only the number of the stems [N], the basal area per hectare [G] of a certain stand to generate separated the stem distribution curve according to the DBH-classes.

A simple forest growth simulation model for practitioner (Android-App). SiWaWa needs only the number of the stems [N], the basal area per hectare [G] of a certain stand to generate separated the stem distribution curve according to the DBH-classes. Free available Android-App, which could be used in the following fields:

1. Strategy: Goal dimension of the trees, cutting time

2. Care concept: Coordination of harvesting time, optimization of productivity

3. Measurements: Urgency and priority

4. Analysis: Starting point and forest development without

interventions. Definition of intervention measures and simulation. SiWaWa 2.0 supports the decision makers in two aspects: Silvicultural and forest planning. It supports the foresters in a better understanding of the state point and forest development.

VEč PODROBNOSTI

IZZIV	DOMENA	TIP REŠITVE
5. Izboljšanje gospodarske in ekološke učinkovitosti gozdne oskrbovalne verige	Gojenje gozdov, gospodarjenje z gozdovi, odpornost, ekosistemske storitve	Modeliranje, DSS, simulacija, optimizacija
	Izobraževanje	

KLJUčNE BESEDE	DIGITALNE REŠITVE	INOVACIJA
Simulation; Growth; App	Da	Da

IZVORNA DRžAVA	OBSEG UPORABE	ZAčETNO IN KONčNO LETO
Švica	Nacionalni	--

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REFERENCES AND RESOURCES

SPLETNA STRAN
http://siwawa.org/wiki/index.php

VIRI
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SPLETNA STRAN PROJEKTA
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REFERENCA PROJEKTA
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PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

cesefor
Centro de Servicios y Promoción Forestal
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